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J1040 U.S. PTO

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PTO/SB/05 (08-00) (modified)
Approved for use through 9/30/2001, OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket Number	21192-06625
	First Named Inventor	Tommy K. Eng
	Title	CREATING OPTIMIZED PHYSICAL IMPLEMENTATIONS FROM HIGH-LEVEL DESCRIPTIONS OF ELECTRONIC DESIGN USING PLACEMENT-BASED INFORMATION
	Express Mail Label No.	EL734639304US

J1040 U.S. PTO
10/040852
12/28/01



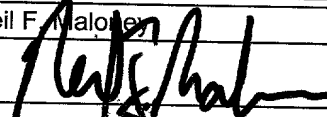
APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="46"/> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Descriptive Title of the Invention<input checked="" type="checkbox"/> Cross Reference(s) to Related Case(s)<input checked="" type="checkbox"/> Statement Regarding Fed sponsored R & D<input checked="" type="checkbox"/> Background of the Invention<input checked="" type="checkbox"/> Brief Summary of the Invention<input checked="" type="checkbox"/> Brief Description of the Drawing(s)<input checked="" type="checkbox"/> Detailed Description<input checked="" type="checkbox"/> Claim or Claims<input checked="" type="checkbox"/> Abstract of the Disclosure	9. <input type="checkbox"/> Power of Attorney or Authorization of Agent
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets <input type="text" value="14"/>	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
5. Oath or Declaration <ul style="list-style-type: none">a. <input type="checkbox"/> New Declaration Total Pages <input type="text" value="2"/> <input type="checkbox"/> Executed (original or copy)b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i><ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> Preliminary Amendment
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Citation(s)
	13. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
	14. <input checked="" type="checkbox"/> Return Postcard
	15. <input type="checkbox"/>
	16. <input type="checkbox"/>
	17. <input type="checkbox"/>

ADDRESS TO:
Box Patent Application
Commissioner for Patents
Washington, DC 20231

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/634,927
Prior application information: Examiner: Thuan V. Do Group/Art Unit: 2825
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number and Bar Code Label	 00758
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Name (Print/Type)	Neil F. Maloney	Registration No. (Attorney/Agent)	42,833
Signature		Date	December 28, 2001

0002/PTO(modified) Rev. 10/2000 FEE TRANSMITTAL TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$ 370.00)	U.S. Department of Commerce Patent and Trademark Office Complete if Known Application Number: NEW Filing Date: HEREWITH First Named Inventor: Tommy K. Eng Group Art Unit: 2825 Examiner Name: Thuan V. Do Attorney Docket Number: 21192-06625
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METHOD OF PAYMENT	FEE CALCULATION (continued)
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1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.†
- ☒ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555
 Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. ☒ Payment Enclosed:
☒ Check ☐ Credit Card ☐ Other
FEE CALCULATION (fees effective 10/01/2000)**1. FILING FEE**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$740	201/\$370	Utility Filing	370
106/\$330	206/\$165	Design Filing	
108/\$740	208/\$370	Reissue	
114/\$160	214/\$80	Provisional Filing	
SUBTOTAL (1)			(\$ 370)

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$84	202/\$42	Independent claims in excess of 3
104/\$280	204/\$140	Multiple dependent claim
109/\$84	209/\$42	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

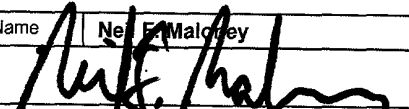
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month†	
116/\$400	216/\$200	Extension for response within second month†	
117/\$920	217/\$460	Extension for response within third month†	
118/\$1,440	218/\$720	Extension for response within fourth month†	
128/\$1,960	228/\$980	Extension for response within fifth month†	
119/\$320	219/\$160	Notice of Appeal	
141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	
142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	
143/\$460	243/\$230	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$740	279/\$370	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify):			
Other fee (specify):			
SUBTOTAL (3)			(\$ 0)

(Col. 1)		(Col. 2)	(Col. 3)	Fee	Fee Due
For	No. of Existing Claims	Highest No. Previously Paid For	Extra**		
TOTAL	2	20 or 0	0	9	0
INDEP	2	3 or 0	0	42	0
[] First presentation of multiple dependent claim					

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$ 0)

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Ne E. Maloney	Reg. Number	42,833
Signature		Date	December 28, 2001

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby